

FIG. 1A
(Prior Art)

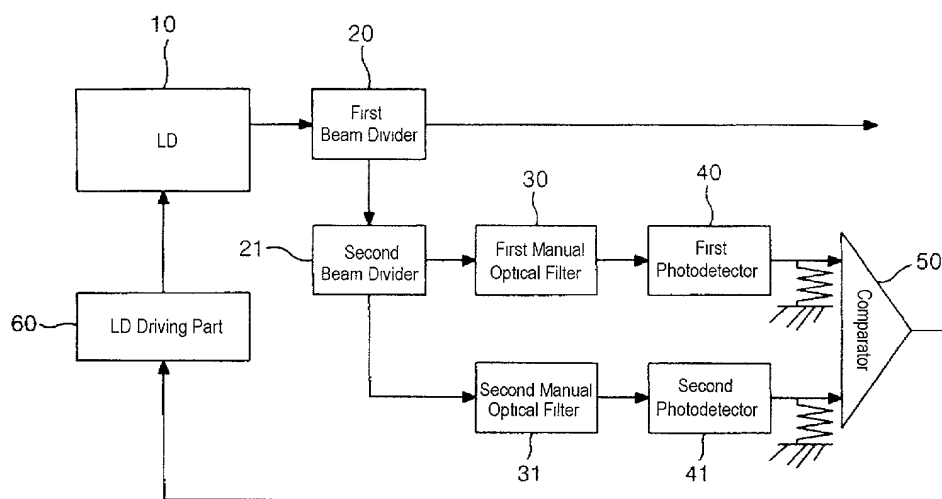


FIG. 1B
(Prior Art)

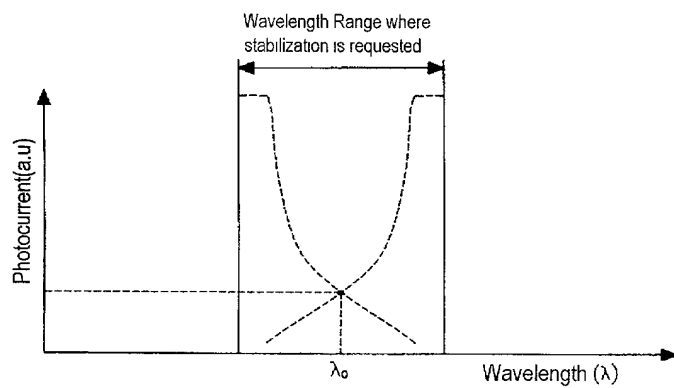


FIG.2
(Prior Art)

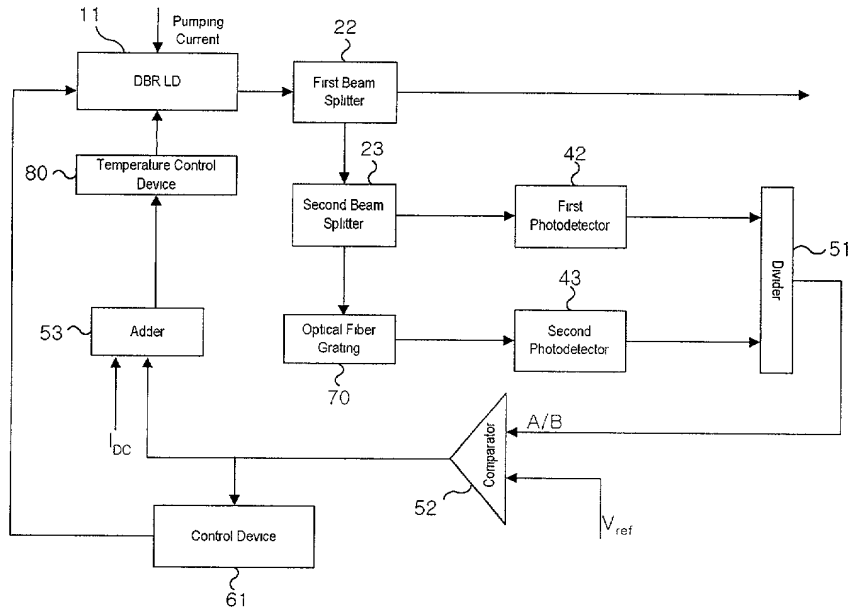


FIG.3
(Prior Art)

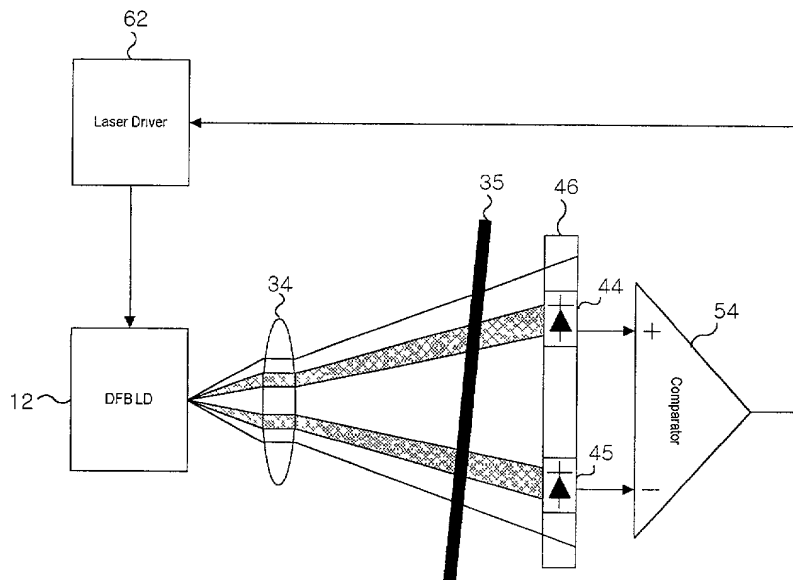


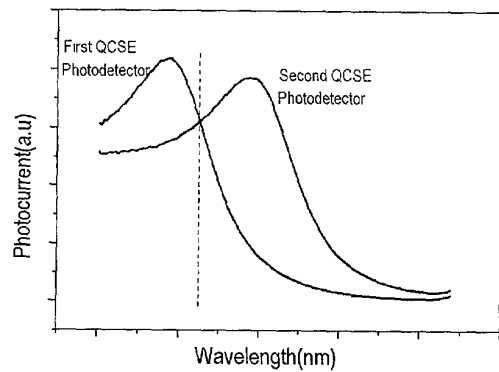
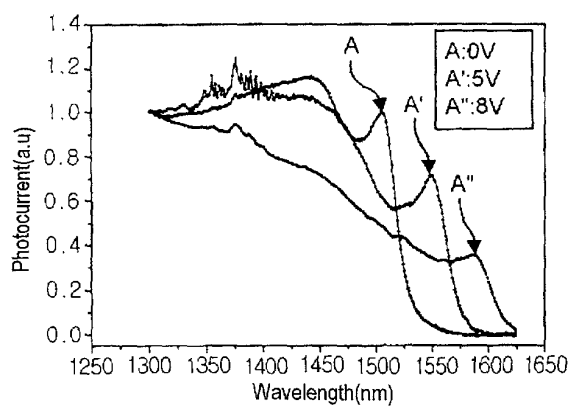
FIG.4**FIG.5A**

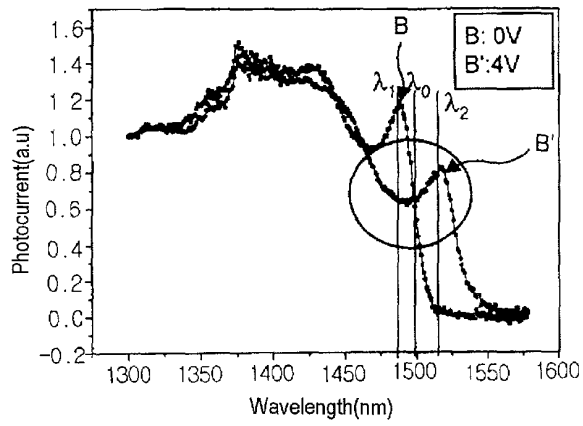
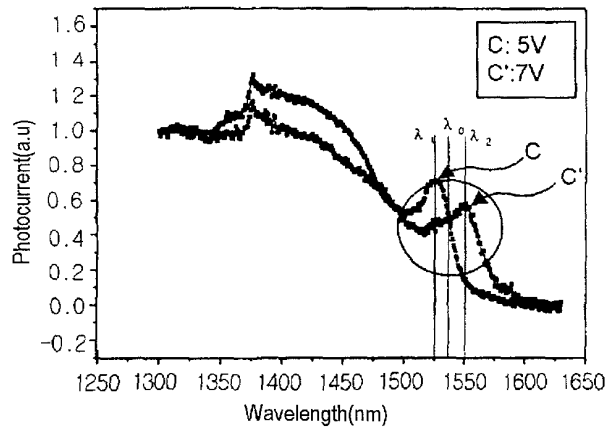
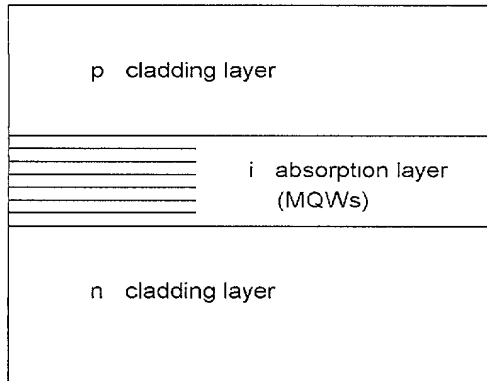
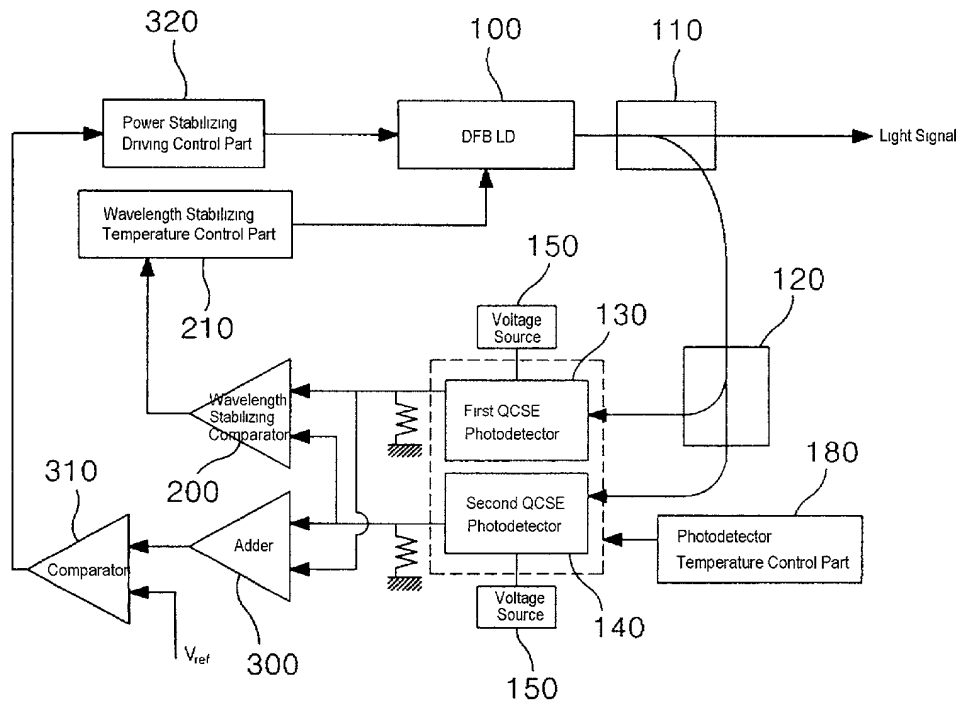
FIG.5B*FIG.5C*

FIG. 6**FIG. 7**

The diagram illustrates a laser system 800. It features a DFB LD (802) connected to a Light Power Divider (806). The divider outputs to a First QCSE Photodetector (810a) and a Second QCSE Photodetector (820a). Each photodetector is connected to a Voltage Source (810b and 820b respectively). The outputs of the photodetectors are fed into a Comparator (830). The comparator's output is connected to a Temperature Control Circuit (840), which drives a Thermoelectric Cooler (850). The cooler is connected to the DFB LD (802) and the LD Driver (860). The LD Driver (860) provides current to the DFB LD (802). The DFB LD (802) outputs a SIGNAL LIGHT.